

Title (en)
METHOD FOR PRODUCING ANIMAL LITTER

Title (de)
VERFAHREN ZUR HERSTELLUNG EINER TIERSTREU

Title (fr)
PROCÉDÉ DE FABRICATION D'UNE LITIÈRE

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Application
EP 10801374 A 20101112

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Abstract (en)
[origin: WO2011057630A2] The invention relates to a method for producing granulated animal litter, comprising the following method steps: ° first, a magnesium-doped material designated as a raw product is produced using CaO, SiO₂, H₂O, and a magnesium compound, wherein a chloride-free magnesium compound is used as the magnesium compound, and the solids are added in the following proportion: starting from 1000 weight parts SiO₂, 300 to 550 weight parts CaO and 70 to 400 weight parts MgO are used, and for 1 weight part of solids, 0.5 to 1.5 weight parts H₂O are used, ° the initially produced raw product is hydrothermally hardened to form a so-called intermediate product, wherein the intermediate product has a calcium silicate hydrate designated as CSH and a certain so-called intermediate moisture, ° the intermediate product is processed by two measures to form the desired end product in that, first, the intermediate product is brought from the intermediate moisture to a final moisture that is lower than the intermediate moisture by means of drying, wherein the drying is performed without an intermediate drying step in which a moisture level below the desired final moisture is reached, ° and in that, second, the intermediate product is reduced in size to the desired grain size suitable for use as cat litter.

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